

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 5: WO 94/28923 (11) International Publication Number: A61K 37/02 A1 (43) International Publication Date: 22 December 1994 (22.12.94) (21) International Application Number: PCT/US94/06418 (81) Designated States: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, UZ, VN, European patent (AT, BE, CH, DE, 7 June 1994 (07.06.94) (22) International Filing Date: DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, (30) Priority Data: SN, TD, TG). 10 June 1993 (10.06.93) US 08/075,032 (71) Applicant: ALLERGAN, INC. [US/US]; 2525 Dupont Drive, **Published** P.O. Box 19534, Irvine, CA 92713-9534 (US). With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of (72) Inventors: AOKI, K., Roger; 25472 Earhart Road, Laguna Hills, CA 92653 (US). GRAYSTON, Michael, W.; 12 amendments. Mandarin, Irvine, CA 92714 (US). CARLSON, Steven, R.; 29991 Happy Sparrow Lane, Laguna Niguel, CA 92677 (US). LEON, Judith, M.; 29992 Running Deer Lane, Laguna Niguel, CA 92677 (US). (74) Agents: BARAN, Robert, J. et al.; Allergan, Inc., 2525 Dupont Drive, P.O. Box 19534, Irvine, CA 92713-9534 (US).

(54) Title: MULTIPLE BOTULINUM TOXINS FOR TREATING NEUROMUSCULAR DISORDERS AND CONDITIONS

(57) Abstract

A method and composition for treating a patient suffering from a disease, disorder or condition include the administration to the patient of a therapeurically effective amount of a combination of at least two neurotoxins selected from a group consisting of botulinum toxin types A, B, C, D, E, F and G. The amount of each selected neurotoxin administered is further selected to control a duration of therapeutic activity of the administered combination.